

OBJECTIVE

I'm a DevOps engineer with 5 years of experience in AWS, Terraform, and Linux, skilled in automating infrastructure deployment and managing CI/CD pipelines. Passionate about tackling new challenges and exploring emerging technologies, I'm proficient in troubleshooting, Bash and Python scripting, and ensuring scalable cloud systems. Fluent in English and Spanish, I'm seeking opportunities to grow both professionally and personally while contributing to innovative solutions and dynamic teams.

SUMMARY OF QUALIFICATIONS

- 5 years experience of working on DevOps
- Proven skills in writing Terraform modules for AWS and Hashicorp Vault
- Highly competent working with AWS
- Experienced with creating AMIs using Packer and Ansible on AWS
- Used Jenkins and others to create CI/CD pipelines for deploying and testing code
- Professional communication skills include fluency in English and Spanish
- Knowledgeable at writing Bash and Python scripts
- Skillful at troubleshooting network and software issues
- Accomplished at writing dockerfiles for different uses
- Familiar with working with different Linux environments and distributions

TECHNICAL SKILLS

- | | | | | |
|----------------|--------------------|-----------------|-----------|---------------|
| • AWS | • Kubernetes | • Gitlab.com | • DroneCI | • MySQL |
| • Linux | • Docker | • BitBucket.com | • Vagrant | • Postgres DB |
| • Terraform | • Trouble-shooting | • Yaml | • Puppet | |
| • Ansible | • Packer | • Grafana | • Consul | |
| • Bash | • Python | • Prometheus | • Go | |
| • Jenkins | • Git | • Telegraf | • Azure | |
| • Concourse CI | • GitHub.com | • InfluxDB | • GCP | |

CERTIFICATIONS

- CompTIA A+ - 2019
- Certified Hashicorp Implementation Partner Vault Enterprise - 2020
- Certified Hashicorp Implementation Partner Terraform Enterprise - 2021

PROFESSIONAL EXPERIENCE

DevOps Engineer Jun 2020 – March 2024

DigitalOnUs, Vancouver, Canada

I rejoined as a full-time engineer and to finish the last segment of my Co-Op period. As a consultant I embraced unfamiliar environments. I advised clients on best practices when it comes to DevOps as well as supported existing DevOps teams or helped with kickstarting them.

- Developed Terraform modules for managing and standardizing AWS infrastructure, with testing through Jenkins and Terragrunt, and security checks via Sentinel.
- Deployed highly available HashiCorp Vault clusters, including DR clusters, using tools like Packer, Ansible, Bash, Git, Jenkins, and Terraform.
- Created Terraform modules to integrate various applications (Venafi, OIDC, Kubernetes, Databases, AWS) with Vault, collaborating with teams to enhance secret management in deployments.
- Built an auditing service to check Vault clusters for secrets not meeting client standards, integrating Azure AD data and sending results via email, hosted on ConcourseCI with a custom Docker image.

- Provided 24x7 SRE support for production environments, using Kibana and Grafana to troubleshoot Kubernetes container issues.
- Performed additional AWS service tasks such as IAM, S3, VPCs, and load balancer management.

Independent Contractor Sep 2019 – Dec 2019

DigitalOnUs by Tech Mahindra, Vancouver, Canada

I was hired for the first portion of my Co-Op period. I created several demos to showcase Consul and Vault and deployed a DroneCI server. This server supported development operations.

- Created Packer scripts, leveraging Ansible and Bash, to deploy images to AWS and GCP
- Configured DroneCI to test Git changes, deliver new code and perform scheduled tasks.
- Designed a Vagrant mesh to showcase a Vault Cluster using Consul as backend.
- Wrote a Terraform script to deploy a demo Vault Cluster to both GCP and Terraform.

Co-founder & Developer Jan 2016 – Oct 2017

Tinkerware, Zacatecas, México

Upon graduating with an engineering degree, I joined three other engineers in a startup. As a developer and co-founder I learned the basics of DevOps as well as applying Startup methodologies to seek clients. I left the company because of a lack of interest in the product.

- Self learned several open source technologies, such as Golang, Linux and Ansible.
- Embraced an unfamiliar environment.
- Designed tool using Golang to measure for the response time of a binary and reported results to a PostgreSQL database
- Recreated client's environment using Vagrant and VirtualBox for developer's use
- Recreated Linux virtual environments using Vagrant and Ansible
- Configured virtual networks of VM's in VirtualBox
- Designed, tested and optimized methodology to look up possible clients
- Contacted possible clients in order to achieve making an appointment using cold emails techniques

EDUCATION

Certificate of Information Technology & Co-Op 2018 - 2020

Canadian College, Vancouver, British Columbia

Included one year classroom and one year Co-Op.

Bachelor of Mechatronics Engineering - 2011 2015

Monterrey Institute of Technology and Higher Education